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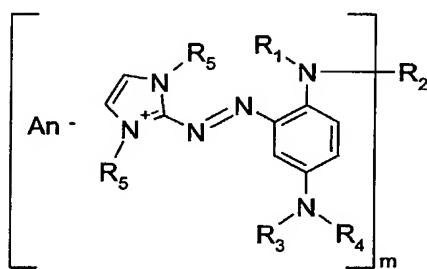
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- (71) Applicant (for all designated States except US): **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **ELIU, Victor Paul** [DE/DE]; Im Lögelhardt 2, 79539 Lörrach (DE). **SAUDER, Thomas** [CH/CH]; Im langen Loh 1, CH-4054 Basel (CH). **KAUFFMANN, Dominique** [FR/FR]; 18, rue du Canal, F-68110 Illzach (FR). **FRÖHLING, Beate** [DE/DE]; Im Stutz 10, 79585 Steinen (DE).
- (74) Common Representative: **CIBA SPECIALTY CHEMICALS HOLDING INC.**; Patent Department, Klybeckstrasse 141, CH-4057 Basel (CH).
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(54) Title: CATIONIC IMIDAZOLAZO DYES CONTAINING A 2, 5-DIAMINOPHENYL MOIETY



(57) Abstract: Disclosed are azo dyes of formula (1), wherein R₁ is hydrogen; C₁-C₁₄alkyl; hydroxy-C₁-C₁₄alkyl; C₂-C₁₄alkenyl; a radical of formula (1a) -(CH₂)_{n1}-O-(CH₂)_{n2}-CH₃; a radical of formula (1b) C₁₀aryl; or C₆-C₁₀aryl-C₁-C₆alkyl; R₃ is hydrogen; C₁-C₁₄alkyl; C₂-C₁₄alkenyl; C₆-C₁₀aryl; C₆-C₁₀aryl-C₁-C₆alkyl; or CO-R₆; R₄ is CO-R₆; R₅ is C₁-C₁₄alkyl; C₂-C₁₄alkenyl; C₆-C₁₀aryl; or C₆-C₁₀aryl-C₁-C₆alkyl; R₆ is hydrogen; C₁-C₁₄alkyl; C₂-C₁₄alkenyl; or C₆-C₁₀aryl; R₇, R₈, R₉ and R₁₀, independently from each other are hydrogen; or C₁-C₅alkyl; m is 1; or 2; An⁻ is an anion; If m = 1, R₂ is hydrogen; C₁-C₁₄alkyl; C₂-C₁₄alkenyl; a radical of formula (1a); a radical of formula (1b); C₆-C₁₀aryl; or C₆-C₁₀aryl-C₁-C₆alkyl; If m = 2, R₂ is the direct bond; or C₁-C₁₄alkylene, which is optionally substituted by one or more C₁-C₄alkyl, or which is optionally interrupted by C₅-C₁₀arylene, -O- or -NR₉R₁₀; R₉ and R₁₀, independently from each other are hydrogen; or C₁-C₅alkyl; and n₁, n₂, n₃ and n₄, independently from each other are a number from 0 to 5. The compounds are useful for the dyeing of organic material, preferably human hair.